

AGENDA: August 19, 2003

4.17

CATEGORY: Consent

DEPT.: Public Works

TITLE: Grant Road Traffic Signal Interconnect Upgrade, Project 03-32—Accept Construction

RECOMMENDATION

Accept Grant Road Traffic Signal Interconnect Upgrade, Project 03-32, and authorize the final contract payment.

FISCAL IMPACT

The Grant Road Traffic Signal Interconnect Upgrade, Project 03-32, was approved in the 2002-03 Capital Improvement Program with a total budget of \$420,000 funded from a Transportation Fund for Clean Air (TFCA) Grant (\$250,000); the CIP Reserve Fund (\$56,000); gas tax (\$70,000); and contribution from the City of Los Altos (\$44,000). The final construction cost of \$242,752 is within the construction budget of \$242,768. The total project cost is \$321,000, and the project will use the full amount of the \$250,000 grant. The \$71,000 expenditure balance will be prorated between the Cities of Mountain View and Los Altos based on the amount of work in each city. Mountain View will fund \$43,000 and Los Altos' obligation will be \$28,000.

BACKGROUND AND ANALYSIS

On December 10, 2002, the City Council awarded the construction contract for Grant Road Traffic Signal Interconnect Upgrade, Project 03-32, to Republic Electric of Novato, California, at the low bid price of \$222,768 and authorized a \$20,000 construction contingency. The project replaced the existing obsolete traffic signal interconnect system with a new system, including new traffic signal controllers and traffic signal management software to synchronize the eight traffic signals along Grant Road between Bentley Square and Oak Avenue in Los Altos to improve traffic flow. In addition, this project upgraded three existing traffic signal poles at Grant Road/Cuesta Drive and installed battery back-up systems at six signalized intersections on Grant Road located in the City of Mountain View.

The final construction cost of \$242,752 included one change order totaling \$19,984 that replaced damaged existing interconnect cables, installed telephone lines at the Grant Road/Cuesta Drive intersection and upgraded one traffic signal controller at the Grant Road/Cuesta Drive intersection to a master controller with capability to send real-time traffic flow information to a computer in City Hall for monitoring and adjusting the interconnecting

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system according to traffic conditions. All work has been completed in accordance with the plans and specifications.

PUBLIC NOTICING—Agenda posting.

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RZM/9/CAM
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Mr. Jim Porter, Public Works Director
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CE, TE, SCE, STE, F/c